

#12



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/914,958B

DATE: 05/19/2003

TIME: 15:01:33

Input Set : A:\pf0675usn_subseqlist.txt
 Output Set: N:\CRF4\05192003\I914958B.raw

1 <110> APPLICANT: INCYTE GENOMICS, INC.; TANG, Y. Tom
 2 LAL, Preeti G.; BAUGHN, Mariah F.
 3 YUE, Henry; AU-YOUNG, Janice K.
 4 LU, Byung Aina M.; AZIMEZAI, Yalda
 5 <120> TITLE OF INVENTION: HUMAN SECRETORY PROTEINS
 6 <130> FILE REFERENCE: PF-0675 USN
 7 <140> CURRENT APPLICATION NUMBER: 09/914,958B
C--> 11 <141> CURRENT FILING DATE: 2003-01-17
 13 <150> PFIOR APPLICATION NUMBER: PCT/US00/05621
 14 <151> PFIOR FILING DATE: 1999-03-03
 16 <150> PFIOR APPLICATION NUMBER: US 60/123,117
 17 <151> PRIOR FILING DATE: 1999-03-05
 19 <160> NUMBER OF SEQ ID NOS: 44
 21 <170> SOFTWARE: PERL Program
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 182
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Homo sapiens
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 30 <221> NAME/KEY: misc_feature
 31 <223> OTHER INFORMATION: Incyte ID No: 078811CD1
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 36 Ser Leu Pro Val Phe Pro Ser Leu Ser Leu Ile Pro Leu Thr Gln
 37 20 25 30
 38 Met Leu Thr Leu Gly Pro Asp Leu His Leu Leu Asn Pro Ala Ala
 39 35 40 45
 40 Gly Met Thr Pro Gly Thr Gln Thr His Pro Leu Thr Leu Gly Gly
 41 50 55 60
 42 Leu Asn Val Gln Gln Leu His Pro His Val Leu Pro Ile Phe
 43 65 70 75
 44 Val Thr Gln Leu Gly Ala Pro Gly His Tyr Pro Lys Leu Arg Gly
 45 80 85 90
 46 Ile Ala Thr Asn Leu His Glu Pro His His Pro Phe Leu Val Pro
 47 95 100 105
 48 Arg Glu Ala Ser Leu Pro Thr Ser Gln Ala Gly Ala Asn Pro Asp
 49 110 115 120
 50 Val Gln Asp Gly Ser Leu Pro Ala Gly Gly Ala Gly Val Asn Pro
 51 125 130 135
 52 Ala Thr Gln Gly Thr Pro Ala Gly Arg Leu Pro Thr Pro Ser Gly
 53 140 145 150
 54 Thr Asp Asp Asp Phe Ala Val Thr Pro Ala Gly Ile Gln Arg

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 57 150 175 180
 58 Ile Gln
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 62 <13> ORGANISM: Homo sapiens
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 64 <15> NAME/KEY: misc_feature
 65 <16> OTHER INFORMATION: Incyte ID No: 371156CD1
 72 <400> SEQUENCE: 2
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 74 1 5 10 15
 75 Gln Met Ala Trp Glu Arg Gly Pro Ala Leu Leu Cys Cys Val Leu
 76 20 25 30
 77 Ser Ala Ser Gln Leu Ser Ser Gln Asp Gln Asp Pro Leu Gly His
 78 35 40 45
 79 Ile Lys Ser Leu Leu Tyr Pro Phe Gly Phe Pro Val Glu Leu Pro
 80 50 55 60
 81 Arg Pro Gly Pro Thr Gly Ala Tyr Lys Lys Val Lys Asn Gln Asn
 82 65 70 75
 83 Gln Thr Thr Ser Ser Glu Leu Leu Arg Lys Gln Thr Ser His Phe
 84 80 85 90
 85 Asn Gln Arg Gly His Arg Ala Arg Ser Lys Leu Leu Ala Ser Arg
 86 95 100 105
 87 Gln Ile Pro Asp Arg Thr Phe Lys Cys Gly Lys Trp Leu Pro Gln
 88 110 115 120
 89 Val Pro Ser Pro Val
 90 125
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 101 <221> NAME/KEY: misc_feature
 102 <223> OTHER INFORMATION: Incyte ID No: 584050CD1
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 107 Ala Leu Ala Ser Gly Ser Gln Gly Asp Arg Glu Pro Val Tyr Arg
 108 20 25 30
 109 Asp Cys Val Leu Gln Cys Glu Glu Gln Asn Cys Ser Gly Gly Ala
 110 35 40 45
 111 Leu Asn His Phe Arg Ser Arg Gln Pro Ile Tyr Met Ser Leu Ala
 112 50 55 60
 113 Gly Trp Thr Cys Arg Asp Asp Cys Lys Tyr Glu Cys Met Trp Val
 114 65 70 75
 115 Thr Val Gly Leu Tyr Leu Gln Glu Gly His Lys Val Pro Gln Phe

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116	80	85	95
117	His Gly Lys Trp Pro Phe Ser Arg Phe Leu Phe Phe Gln Glu Pro		
118	95	100	105
119	Ala Ser Ala Val Ala Ser Phe Leu Asn Gly Leu Ala Ser Leu Val		
120	110	115	120
121	Met Leu Cys Arg Tyr Arg Thr Phe Val Pro Ala Ser Ser Pro Met		
122	125	130	135
123	Tyr His Thr Cys Val Ala Phe Ala Trp Val Ser Leu Asn Ala Trp		
124	140	145	150
125	Phe Trp Ser Thr Val Phe His Thr Arg Asp Thr Asp Leu Thr Glu		
126	155	160	165
127	Lys Met Asp Tyr Phe Cys Ala Ser Thr Val Ile Leu His Ser Ile		
128	170	175	180
129	Tyr Leu Cys Cys Val Arg Thr Val Gly Leu Gln His Pro Ala Val		
130	185	190	195
131	Val Ser Ala Phe Arg Ala Leu Leu Leu Met Leu Thr Val His		
132	200	205	210
133	Val Ser Tyr Leu Ser Leu Ile Arg Phe Asp Tyr Gly Tyr Asn Leu		
134	215	220	225
135	Val Ala Asn Val Ala Ile Gly Leu Val Asn Val Val Trp Trp Leu		
136	230	235	240
137	Ala Trp Cys Leu Trp Asn Gln Arg Arg Leu Pro His Val Arg Lys		
138	245	250	255
139	Cys Val Val Val Val Leu Leu Leu Gln Gly Leu Ser Leu Leu Glu		
140	260	265	270
141	Leu Leu Asp Phe Pro Pro Leu Phe Trp Val Leu Asp Ala His Ala		
142	275	280	285
143	Ile Trp His Ile Ser Thr Ile Pro Val His Val Leu Phe Phe Ser		
144	290	295	300
145	Phe Leu Glu Asp Asp Ser Leu Tyr Leu Leu Lys Glu Ser Glu Asp		
146	305	310	315
147	Lys Phe Lys Leu Asp		
148	320		
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158	->120<- FEATURE:		
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160	->123<- OTHER INFORMATION: Incyte ID No: 863808CD1		
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165	Trp Arg Arg Ala Val Ser Ser Val Ala Gly Ser Ala Val Gly Ala		
166	20 25 30		
167	Glu Pro Gly Leu Arg Leu Leu Ala Val Gln Arg Leu Pro Val Gly		
168	35 40 45		
169	Ala Ala Phe Cys Arg Ala Cys Gln Thr Pro Asn Phe Val Arg Gly		
170	50 55 60		

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Input Set : A:\pf0675usn_subseqlist.txt
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171 Leu His Ser Glu Pro Gly Leu Glu Glu Arg Ala Glu Gly Thr Val
 172 65 70 75
 173 Asn Glu Gly Arg Pro Glu Ser Asp Ala Ala Asp His Thr Gly Pro
 174 80 85 90
 175 Lys Phe Asp Ile Asp Met Met Val Ser Leu Leu Arg Gln Glu Arn
 176 95 100 105
 177 Ala Arg Asp Ile Cys Val Ile Gln Val Pro Pro Glu Met Arg Tyr
 178 110 115 120
 179 Thr Asp Tyr Phe Val Ile Val Ser Gly Thr Ser Thr Arg His Leu
 180 125 130 135
 181 His Ala Met Ala Phe Tyr Val Val Lys Met Tyr Lys His Leu Lys
 182 140 145 150
 183 Cys Lys Arg Asp Pro His Val Lys Ile Gln Gly Lys Asp Thr Asp
 184 155 160 165
 185 Asp Trp Leu Cys Val Asp Phe Gly Ser Met Val Ile His Leu Met
 186 170 175 180
 187 Leu Pro Glu Thr Arg Glu Ile Tyr Glu Leu Glu Lys Leu Trp Thr
 188 185 190 195
 189 Leu Arg Ser Tyr Asp Asp Gln Leu Ala Gln Ile Ala Pro Glu Thr
 190 200 205 210
 191 Val Pro Glu Asp Phe Ile Leu Gly Ile Glu Asp Asp Thr Ser Ser
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 200 <211> LENGTH: 278
 201 <212> TYPE: PFT
 202 <213> ORGANISM: Homo sapiens
 204 <210> FEATURE:
 205 <211> NAME/KEY: misc_feature
 206 <213> OTHER INFORMATION: Incyte ID No: 378433CD1
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 210 1 5 10 15
 211 His Val Pro Leu Leu Gly Leu Leu Arg Leu Gln Leu Arg Ala Ala
 212 20 25 30
 213 Arg Gln Pro Gly Ala Met Arg Pro Gln Gly Pro Ala Ala Ser Pro
 214 35 40 45
 215 Gln Arg Leu Arg Gly Leu Leu Leu Leu Leu Gln Leu Pro
 216 50 55 60
 217 Ala Pro Ser Ser Ala Ser Glu Ile Pro Lys Gly Lys Gln Lys Ala
 218 65 70 75
 219 Gln Leu Arg Gln Arg Glu Val Val Asp Leu Tyr Asn Gly Met Cys
 220 80 85 90
 221 Leu Gln Gly Pro Ala Gly Val Pro Gly Arg Asp Gly Ser Pro Gly
 222 95 100 105
 223 Ala Asn Gly Ile Pro Gly Thr Pro Gly Ile Pro Gly Arg Asp Gly
 224 110 115 120
 225 Phe Lys Gly Glu Lys Gly Glu Cys Leu Arg Glu Ser Phe Glu Glu

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Input Set : A:\pf0675usn_subseqlist.txt
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226	125	130	135
227	Ser Trp Thr Pro Asn Tyr Lys Gln Cys	Ser Trp Ser Ser Leu Asn	
228	140	145	150
229	Tyr Gly Ile Asp Leu Gly Lys Ile Ala	Glu Cys Thr Phe Thr Lys	
230	155	160	165
231	Met Arg Ser Asn Ser Ala Leu Arg Val	Leu Phe Ser Gly Ser Leu	
232	170	175	180
233	Arg Leu Lys Cys Arg Asn Ala Cys Cys	Gln Arg Trp Tyr Phe Thr	
234	185	190	195
235	Phe Asn Gly Ala Glu Cys Ser Gly Pro	Leu Pro Ile Glu Ala Ile	
236	195	205	210
237	Ile Tyr Leu Asp Gln Gly Ser Pro	Glu Met Asn Ser Thr Ile Asn	
238	215	220	225
239	Ile His Arg Thr Ser Ser Val Glu Gly	Ieu Cys Glu Gly Ile Gly	
240	220	235	240
241	Ala Gly Leu Val Asp Val Ala Ile Trp	Val Gly Thr Cys Ser Asp	
242	245	250	255
243	Tyr Pro Lys Gly Asp Ala Ser Thr Gly	Trp Asn Ser Val Ser Arg	
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245	Ile Ile Ile Glu Glu Leu Pro Lys		
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254	<213> ORGANISM: Homo sapiens		
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258	<213> OTHER INFORMATION: Incyte ID No: 1655369CD1		
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262	1 5 10 15		
263	Gly Glu Glu Arg Thr Gln Pro Gly Glu Leu Gly Gln Gly Leu His		
264	20 25 30		
265	Met Ala Gln Gly Gln Gln Met Leu Ala Gly Gln Leu Leu Pro Met		
266	35 40 45		
267	Leu Thr Leu Leu Pro Pro Ser Phe Pro Ieu Pro His Pro Thr Leu		
268	50 55 60		
269	Gly Pro Arg Arg His Ala Ser Leu Thr Gln Leu Gly Pro Ala Phe		
270	65 70 75		
271	Trp Met Ala Trp Gly Arg Pro Trp Ala His Leu Gly Pro Gly Gln		
272	80 85 90		
273	Pro Leu Gly Gln Ieu Trp Lys Ser Ser Val Glu Glu His Leu Leu		
274	95 100 105		
275	Ala Ala Trp Leu Gln Pro Leu Ala Leu Leu Glu Trp Ser Leu Gly		
276	110 115 120		
277	Ala Ser Ala Leu Ser Ala Leu Gly Thr Ser His Pro Leu Gly Leu		
278	125 130 135		
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/914,958B

DATE: 05/19/2003

TIME: 15:01:34

Input Set : A:\pf0675usn_subseqlist.txt
Output Set: N:\CRF4\05192003\I914958B.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date